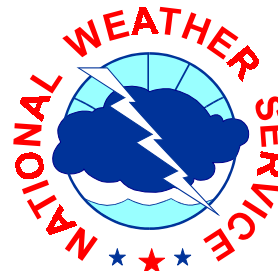


**NATIONAL WEATHER SERVICE
WESTERN REGION
SALT LAKE CITY, UTAH**



AUGUST 27, 2002

REGIONAL DIRECTOR

New MIC at WFO Pocatello: I am pleased to announce selection of Mr. Jim Meyer as MIC, WFO Pocatello, Idaho. Jim has served as WCM in Davenport, Iowa since 1992. Prior to that, Jim served as MIC at Moline, IL WSO during spin-up activities. Jim earned a B.S.-equivalent in Meteorology from San Jose State in 1988. Jim has an outstanding list of training courses including the most recent one, the Executive Leadership Seminar taught at National Weather Service Training Center. Please join me in welcoming Jim to WFO Pocatello and Western Region. His effective date will be October 6, 2002.

New MIC at WFO Great Falls: I am pleased to announce the selection of Mr. Stephen Brueske as MIC WFO Great Falls, Montana. Steve has served as SOO WFO Charleston, South Carolina since 1994. Prior to that, he was an instructor at OSF in Norman, Oklahoma. He served in the Air Force from 1984 until 1992 where he became Captain. Steve earned an MS in Meteorology from Penn State in 1990 and a BA in Chemistry from Bethel College in 1983. Steve has many significant accomplishments and has received numerous awards during his career. Steve's effective date will be October 7.

Welcome, Jim and Steve to Western Region.

METEOROLOGICAL SERVICES DIVISION

STATEMENT OF THE WEEK: A strong cold front swept through WFO Billings CWA the afternoon of August 16 and brought non-thunderstorm wind gusts in excess of 70 mph. These winds resulted in toppled trees and downed power lines which started fires. This event was first highlighted by Special Weather Statements on the 13th and 14th. These statements were followed up by High Wind and Fire Weather watches on the 15th and later upgraded to warnings by the midnight shift on the 16th. The Fire Weather and High Wind watches provided up to 25 hours of lead time and the Red Flag and High Wind warnings provided up to 12 hours of lead time. The staff provided followed-up products and statements throughout the event, including spot forecasts, NOWs, and updated warnings like one written by Jim Maczko and Bill Rasch shown below.

WWUS75 KBYZ 162029
NPWBYZ

URGENT - WEATHER MESSAGE
NATIONAL WEATHER SERVICE BILLINGS MT
215 PM MDT FRI AUG 16 2002

MTZ028>042-056>058-WYZ098-099-170300-

CARTER-CUSTER-EASTERN CARBON-FALLON-GOLDEN VALLEY-MUSSELSHELL-NORTHEAST BIG HORN MOUNTAINS-NORTHERN BIG HORN-NORTHERN ROSEBUD-PARK-POWDER RIVER-SHERIDAN FOOTHILLS-SOUTHERN BIG HORN-SOUTHERN ROSEBUD-STILLWATER-SWEET GRASS-TREASURE-WESTERN CARBON-WHEATLAND-YELLOWSTONE-INCLUDING THE CITIES OF...SHERIDAN...ROUNDUP...RED LODGE...MILES CITY...LIVINGSTON...HYSHAM...HARLOWTON...HARDIN...FORSYTH...EKALAKA...COLUMBUS...COLSTRIP...BROADUS...BILLINGS...BIG TIMBER AND BAKER

...HIGH WIND WARNING CONTINUES FOR THIS AFTERNOON AND EVENING...

A STRONG COLD FRONT MOVING THROUGH THE AREA HAS RESULTED IN VERY WINDY CONDITIONS ACROSS MUCH OF SOUTH CENTRAL AND SOUTHEAST MONTANA ALONG WITH NORTHERN WYOMING. THE COLD FRONT HAS BEEN KNOWN TO PRODUCE SUSTAINED WINDS OF 35 TO 45 MPH WITH GUSTS TO 70 MPH KNOCKING OUT POWER AND DOWNING TREES. VERY STRONG WINDS WILL CONTINUE THROUGHOUT THE COURSE OF THE AFTERNOON AND EARLY EVENING AND COULD RESULT IN FURTHER LOSS OF POWER AND DOWNED TREES. YOU SHOULD TAKE PRECAUTIONS TO SECURE OUTDOOR OBJECTS WHICH COULD BE BLOWN AWAY BY THE WIND.

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WCJIN-WYNW-WYNE

StormReady News: The annual National StormReady Board Meeting was held August 6-7 in Seattle. The Board is made up of the national WCM program manager, six regional WCMs, and representatives from the International Association of Emergency Managers (IAEM), and the National Emergency Managers Association (NEMA). The Board reviewed findings and recommendations from eight subcommittees formed earlier this year. The subcommittees topics included:

- Revising the StormReady/TsunamiReady application
- Changing the valid period of the recognition beyond two years and changing the renewal procedures
- Should there be additional StormReady recognitions for states, universities, etc.
- New StormReady/TsunamiReady exhibit displays
- Corporate sponsorships
- Redesign the StormReady and TsunamiReady signs
- Printing new StormReady and TsunamiReady brochures
- Developing promotional items and an information packet on how to become StormReady and TsunamiReady.

A summary of the meeting will be distributed soon.

MSD visits WFOs: Three MSD Program Reviews were conducted in July and August. Missoula was visited by Carl Gorski, San Joaquin Valley was visited by Tom Ainsworth, and Flagstaff was visited by Tom Ainsworth and Craig Schmidt. MSD program reviews are designed to ensure WFOs are operationally ready to carry out the warning and forecast missions of the NWS. In addition, MSD evaluates the WFO's relationship with various partners and customers to gain an understanding of customer satisfaction with NWS services. Action items resulting from program reviews are listed and tracked on the WRH Intranet at <http://ww2.wrh.noaa.gov/>.

HYDROLOGY AND CLIMATE SERVICES DIVISION

Flash Flood Workshop: A national flash flood workshop was held at the COMET facility in Boulder, Colorado on August 27-29. The workshop covered two main areas:

- 1) interaction with customers, and
- 2) internal activities related to flash flooding.

Presentations by a range of customers and NWS teams involved in drafting recommendations for products highlighted the first area. Presentations covering multi-sensor precipitation estimation, the flash flood monitoring program, and unmet field needs were the focus of the second part of the workshop. A number of Western Region offices were represented at the workshop.

Call for Posters: The National Hydrology Program Managers Conference in December 2002 in New Orleans will include a poster session one evening. The conference will be attended by all Service Hydrologists and Hydrology Focal Points across the country as well as RFC representatives. WFOs and RFCs are encouraged to participate in this session. This is a great opportunity to share innovative ideas going on in the hydrology program. The call for posters can be found on HCSD's homepage at <http://www2.wrh.noaa.gov/hsd/index.htm> under National HPM Conference.

American Association of State Climatologists Conference: The American Association of State Climatologists (AASC) Conference was held August 21-23 in Asheville, North Carolina. Andrea Bair and Harold Knocke attended for Western Region. The theme for the meeting was building stronger partnerships for better climate services. Many of the sessions focused on the roles that NCDC, the State Climatologists, Regional Climatologists, the NWS, and other government entities, play in providing climate services to the public. Since each of the above have a part to play in providing climate services, it is important to communicate and try not to "step on the other players' shoes." There were many thoughts expressed on this issue at the meeting. Many State Climatologists felt like they have a good to strong relationship with the local NWS office, while others were not as enthusiastic about the relationship. The WR Climate Services Steering Committee will discuss the American Association of State Climatologists (AASC) meeting at their upcoming September meeting in Boulder.

Montana to Get a State Climatologist: Currently, Montana and Washington are the only two states in WR that do not have a State Climatologist. This might be changing in the near future. There is a push in the State of Montana and within the AASC, to once again

designate a State Climatologist there. Professor Steve Running at the University of Montana is interested in getting the program reinstated. If the local offices would like more information, or just want to correspond with Dr. Running, his email address is swr@ntsg.umt.edu.

SCIENTIFIC SERVICES DIVISION

Fire Weather Excerpts Now on the Web: The COMET Program has converted part of the Fire Weather module into a Web site for use by a wider community at:

<http://meted.ucar.edu/fire/fw/index.htm>

In response to this summer's active fire season, we are providing an overview of factors that affect the ignition and spread of wildfire to a broader audience. Information is presented with 3-dimensional graphics and animations, as well as audio descriptions and commentary by a fire behavior expert. A separate section listing "quick links" to important conceptual graphics is also available at:

http://meted.ucar.edu/fire/fw/quick_links.htm

New on the Warning Coordination Meteorologist Resource Center: John Lovegrove, Warning Coordination Meteorologist (WCM) in Weather Forecast Office Eureka, California, has added two comprehensive training courses to the WCM Resource Center.

The Basic Marine Weather Course is located at:

<http://meted.ucar.edu/resource/wcm/html/109.htm>

This is a modular course designed to be presented by NWS personnel to marine customers. The course requires eight hours of instruction and covers the building blocks of weather, basic patterns, wave generation, wave movement, and NWS operations.

The Basic Weather Course for Water Professionals is located at:

<http://meted.ucar.edu/resource/wcm/html/110.htm>

This is designed for professional hydrologists, resource managers, and water resource professionals. Many of the basic modules are also used in the Basic Marine Weather Course. The course requires eight hours of instruction and covers the building blocks of weather, basic weather patterns, precipitation processes, climatology, and NWS operations.

Station Keeping: GOES-10 East-West Station Keeping maneuver was performed August 27 at 1230Z.

Eclipse Season: GOES images will be canceled from August 16 to October 24 due to sun avoidance and seasonal eclipse operations. The Fall 2002 Eclipse and Keep Out Zone

(KOZ) schedules are available at:

<http://www.ssd.noaa.gov/PS/SATS/eclipse.html>

New Books Added to WRH Library: The following books have been added to the WRH library. If you would like to check one out, please send your request to Chelsea Leader at chelsea.leader@noaa.gov.

The One Minute Manager - Kenneth Blanchard, Ph.D., and Spencer Johnson, M.D.

The One Minute Manager is an easily read story which quickly shows three very practical management techniques. As the story unfolds, you will discover several studies in medicine and the behavioral sciences which help you to understand why these apparently simple methods work so well with so many people. By the book's end you will also know how to apply them to your own situation.

Organizations: Structures, Processes, and Outcomes (sixth edition) Richard H. Hall
Why study Organizations? There are two answers to this question. The first answer is obvious. Organizations are a dominant component of contemporary society. They surround us. We are born in them and usually die in them. Our life space in between is filled with them. They are just about impossible to escape. They are as inevitable as death and taxes.

Public Administration In America - George J. Gordon and Michael E. Milakovich

Public Administration in America integrates political and managerial perspectives in public administration and places current issues in their conceptual, historical, and administrative contexts. Throughout the book, there are many examples of how public administration has been affected by recent laws and policy decisions at the federal, state, and local levels.

Thriving On Chaos - Tom Peters

This book is about a revolution - a necessary revolution. It challenges everything we thought we knew about managing, and often challenges over a hundred years of American tradition.

The Game of Work - Charles A. Coonradt and Lee Nelson

The Game of Work explains what makes people so dedicated to recreational pursuits, and shows how to use that same motivation to win at business.

The 7 Habits of Highly Effective People - Stephen R. Covey

The 7 Habits of Highly Effective People present a holistic, integrated, principle-centered approach for solving personal and professional problems. With penetrating insights and pointed anecdotes, Covey reveals a step-by-step pathway for living with fairness, integrity, honesty, and human dignity - principles that give us the security to adapt to change, and the wisdom and power to take advantage of the opportunities that change create.

Future Perfect - Stan Davis

Future Perfect is an exploration of the power that comes from embracing the knowledge that time, space, and mass are fundamental dimensions of your business.

Organizational Transitions: Managing Complex Change - Richard Beckhard and Reuben Harris

This book brings together an overview of the issues involved in diagnosing the organization, managing the transition, and managing the changed state. It provides some guidelines to those who intervene in this process.

Motivation and Productivity - Saul W. Gellerman

This book synthesizes more than thirty years of studies on motivation and solving the problems of leadership, recruitment, organizational change, and labor relations.

The Unconscious Conspiracy: Why Leaders Can't Lead - Warren Bennis

This book contains analysis, a digging into the nature of contemporary society to find out why would-be leaders - people who are in positions that permit, if not demand, leadership - are frustrated in their efforts and cynical about how the society may receive, distort, or subvert their initiatives.

Managing Stress: A Businessperson's Guide - Jere E. Yates

Describes the kinds of stress - good and bad - that affect the daily lives of managers. Written specifically for managers, this book shows how, by managing stress in themselves and in those under their supervision, managers can contribute to the prevention of illness while at the same time improving productivity and reducing costs.

OR: A Manager's Guide to Operations Research - Russell L Ackoff and Patrick Rivett
OR has grown rapidly in the last twenty years; in technique, in personnel, and, most important, in the types of problems it investigates and the maturity it bring to their solutions. Yet it still requires a tremendous amount of faith on the part of the executive to introduce OR into a company. It is the purpose of this book to reduce that faith.

Effective Meetings: The Complete Guide - Clyde W. Burleson

Describes how to determine the need for a meeting, set goals, use audiovisual equipment, master the videoconference, and inspire creative thinking.

Business Writing Quick & Easy - Laura Brill

Learn how to tackle any project - from a one-page letter to a fifty-page report, from meeting minutes to a procedures manual. This book is for everyone who has to write but hates to write - it's a friendly, practical guide to better business writing.

Driving Fear Out of the Workplace - Kathleen D. Ryan and Daniel K. Oestreich

When people know in their bones that they are free to tell the truth about workplace problems or come forward with risky ideas for improvement without repercussions, quality and productivity can flourish. This hopeful, practical book offers workable strategies that show how managers can drive out fears - such as the fears of losing credibility, being ostracized, or being fired - that keep people from speaking up with their ideas and concerns.

Workforce 2000 - William B. Johnston and Arnold H. Packer

The President's challenge to meet the requirements of the workplace of the future is a challenge to all Americans. But effective action must flow from a solid base of information. While forecasting the future is not an exact science, many of the changes that are reshaping our economy and society are powerful, long-term trends that can be projected with confidence. The product of that initiative is this volume, *Workforce 2000*.

Re-Engineering the Corporation : A Manifesto for Business Revolution - Michael Hammer and James Champy

A pioneering book on the most important topic in business circles today: re-engineering - the radical redesign of a company's processes, organization, and culture to achieve a quantum leap in performance. The authors show how some of the world's premier corporations are re-engineering to save hundreds of millions of dollars a year, achieve unprecedented levels of customer satisfaction, and speed up and make more flexible all aspects of their operations.

Re-Engineering Management - James Champy

Provides the guidelines managers need to lead, organize, inspire, deploy, measure, and reward the new work re-engineering creates.

SYSTEMS OPERATIONS DIVISION

Western Region NWR Projects: NWR RMS Joe Lachacz reported a number of NWR project completions. The Poplar and Circle, Montana, NWRs (USDA-funded) were brought on line and became operational the week of August 12. These NWRs are in WFO Glasgow's CWA. NWRs at Stacker and Butte, Washington, were brought on line and became operational the week of August 19. These NWRs are in WFO Pendleton's CWA. The Stacker NWR is USDA-funded and the Butte NWR is cooperator-funded. Our thanks to all involved in getting these NWR projects completed. In addition to the new NWR transmitter sites, four legacy NWR transmitters were replaced with new Armstrong transmitters (Broadcast Peak, Cuesta Peak, Palmer Butte, and Mount Umunhum).

AWIPS Linux Pre-processors: AWIPS Linux pre-processors (PXs) were installed at WFO Pendleton and WFO Portland, Oregon, during the week of August 19. The installation and failover testing went smoothly at WFO Portland. The installation at WFO Pendleton was successful except for minor problems which included some user file/directory permissions on the WFO Pendleton systems that needed to be changed.